

We claim:

1. A device for treating woody plants, comprising a cylindrical injection element (1) equipped with an axial bore (2); a radial slot (3) which communicates with the above bore (2) and whose longitudinal axis is essentially parallel to the axial bore (2); a fixing element (4) and an element for connecting a reservoir (5).
2. The device as claimed in claim 1, characterized in that the axial bore (2) is embodied in the form of a pot bore.
3. The device as claimed in claim 1 or 2, characterized in that a sealing element (6) is arranged between the fixing element (4) and the element for connecting a reservoir (5).
4. The device as claimed in claim 3, characterized in that the sealing element (6) is a three way cock.
5. The device as claimed in any of claims 1 to 4, characterized in that the fixing element (4) is a thread.
6. The device as claimed in any of claims 1 to 5, characterized in that an element for turning and/or adjusting (7) the device is arranged behind the fixing element (4).
7. The device as claimed in any of claims 1 to 6, characterized in that a marker element (8), which indicates the position of the radial slot (3) is provided behind the fixing element (4).
8. A method of treating woody plants, characterized in that
 - in a first step, a small area of bark is removed,
 - in a second step, an essentially horizontal hole is bored into the stem of a woody plant;
 - in a third step, the device as claimed in any of claims 1 to 7 is introduced into this borehole, fixed and adjusted in such a way that the radial slot (3) points vertically upwards;
 - in a fourth step, the plant treatment composition is delivered via the connection element (5) in such a way that an essentially bubble-free delivery of the plant treatment composition is ensured;
 - in a fifth step, the pressurized plant treatment composition is allowed to be taken up by the woody plant over the period required, and,

in a sixth step, the above-described cannula is detached and, if appropriate, the borehole which remains is sealed by methods with which the skilled worker is familiar.

9. The method as claimed in claim 8, characterized in that a plurality of injections are carried out simultaneously on one and the same woody plant along the circumference of the stem.
- 5 10. An apparatus for treating woody species, comprising one or more devices as claimed in any of claims 1 to 7 connected to a device for storing plant treatment compositions and a device for generating pressure.